PREXIMINALY
Facility Name: Pine Valley 60 14 Club
Location: Vine Valley Canden Co.
EPA Region: #.
Person(s) in Charge of the Facility:
7
Name of Reviewer: Len Kiso Date: 6-28-88
General Description of the Facility:
(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)  Buried pesticules on gall number have resulted in contaminated sail.
have resulted in contaminated sail.
Tount EPA/DEP removal action
completed.
0
Scores: SM = 11.29 (Sgw = 18.79 Sgw = 5.31 Sa = 0)
Spe =
S <sub>DC</sub> =

HRS COVER SHEET

	GROUN	ID WATER ROUTE WORK	SHEE	7		
	Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)
1	Observed Release	<b>(</b> 0 45	1	0	45	3.1
,		en a score of 45, proceed to line 2				
2	Route Characteristics Depth to Aquifer of Concern	0 1 ② 3	2	4	6	3.2
	Net Precipitation Permeability of the Unsaturated Zone	0 1 ② 3 ③ 1 2 3	1 1	20	3 3	
İ	Physical State	0 1 2 3	1	3	3	
		Total Route Characteristics Score		9	15	· · · · · · · · · · · · · · · · · · ·
3	Containment	0 1 2 3	1	3	3	3.3
4	Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity	0 3 6 9 12 15 18 0 Ø 2 3 4 5 6 7	1 8 1	18	18	3.4
		Total Waste Characteristics Score	å	19	26	· 
5	Targets Ground Water Use Distance to Nearest Well / Population Served	0 1 2 3 . 0 4 6 8 10 12 16 18 20 24 30 32 35 40	3	9 !2	9 40	3.5
हा		Total Targets Score		21	49	
		1 x 4 x 5 2 x 3 x 4 x 5	[5]	173	57.330	
7	Divide line 6 by 57,330	and multiply by 100 Sgw = (	aind !	7.79		

	SUR	FACE WATER RO	OUTE WORK S	HEET		
	Rating Factor	Assigned Valid (Circle One)	Mul		Max. Score	Ref. (Section)
1	Observed Release	0	45 1	0	45	4.1
•	If observed release is given the observed release is given	en a value of 45, proceed en a value of 0, proceed	d to line 4.			
2	Route Characteristics Facility Slope and Interver Terrain	ning 0 ① 2 3	1	ļ	3	4.2
	1-yr. 24-hr. Rainfall Distance to Nearest Surfa Water Physical State		1 2	4	3 6	
		0 1 2 ③  Total Route Characteri	stics Score	3	15	
3	Containment	0 1 2(3)	1	3	3	4.3
	Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity	0 3 6 9 12 0 1 2 3 4	15 18 1 5 5 7 8 1	(8	18 8	4.4
		Total Waste Characteris	stics Score	1.9	26	
:	Targets Surface Water Use Distance to a Sensitive Environment	0 1 <b>②</b> 3 <b>⑥</b> 1 2 3	3 2	(y 0	9	4.5
ş	Population Served/Distance to Water Intake Downstream	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1	<b>ه</b>	40	
		Total Targets Sci	ore	4	55	
_	f line 1 is 45, multiply f line 1 is 0, multiply	1 × 4 × 5 2 × 3 × 4 × 5	•	3420	64,350	
] 0	Divide line 6 by 64.350 a	and multiply by 100	s 5.31			

	AIR ROUTE WORK SHEET											
	Rating Factor			signe Circle					Multi- plier	Score	Max. Score	Ref. (Section)
1	Observed Release		0	>		45			1	0	45	5.1
	Date and Location:						-	,				
	Sampling Protocol:					•		;			<u> </u>	
	If line 1 is 0, the lift line 1 is 45, the		. Enter on		_					•		
2	Waste Characterist Reactivity and	tics	0	1 2	3				1		3	5.2
	Incompatibility Toxicity Hazardous Waste Quantity		0 0	1 2		4 5	6	7 8	3		9 ,	
	<b></b> ,											
-			Total Was	te Chi	arac	teristic	s S	core			20	
3	Population Within 4-Mile Radius Distance to Sensit			9 12 24 27 1 2	30	18			1		30 8	5.3
	Environment Land Use		0	1 2	3			•	1		3	
		·									!	
			To	tal Ta	rget	s Sco	<b>.</b> e			·	39	
<b>a</b>	Multiply 1 × [	2 × 3	]		9					9	35,100	
3	Divide line 4 b	y 35,100	and multip	ly by	100	s,	-	0	_			•

•		<del></del>
	s	<b>s</b> <sup>2</sup>
Groundwater Route Score (Sgw)	18-79	353.06
Surface Water Route Score (S <sub>SW</sub> )	5.31	.28.20
Air Route Score (Sa)	0	381.26
$s_{gw}^2 + s_{sw}^2 + s_a^2$		381.26
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		19.53
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2} / 1.73$		S <sub>M</sub> = 11.29

WORKSHEET FOR COMPUTING SM

PATELTED

Facility Name:	Pine	Valley	604 6/uls	
Location:	Pine	Valle	Canden Ca	runta
EPA Region:	I			<i>C</i> )
Person(s) in Cha	rge of the	Facility:		•
Name of Reviewer	: Fen	Hen	Date: <u>6</u>	-49-88
General Descript	ion of the	Facility:		
(For example: 1 types of hazard	andfill, su ous substan oute of maj	rface impo ces; locat or concern	undment, pile, c ion of the facil ; types of infor c.)	itv:
	· <del>····································</del>			-
				•
		!		
		<del></del>		
		·		
<del></del>			<del></del>	
Scoras: SM = ()	√ 6δ (S <sub>gw</sub>	= 31.32 S <sub>S</sub>	w = 7.9 <b>7</b> S <sub>a</sub> = ⊙	• )
S <sub>DC</sub> =				:

HRS COVER SHEET

	GRO	OUND WATER ROUTE WORK	SHEET	ľ	<u> </u>	
	Rating Factor	Assigned Value (Circle One)	Multi- ptier	Score	Max. Score	Ref. (Section)
	Observed Release	0 (45)	1	45	45	3.1
		given a score of 45, proceed to line 4. given a score of 0, proceed to line 2.				
2	Route Characteristics Depth to Aquifer of Concern	0 1 2 3	2		6	3.2
	Net Precipitation Permeability of the Unsaturated Zone	0 1 2 3 0 1 2 3	1.		3	
	Physical State	0 1 2 3	1	·····	3	
		Total Route Characteristics Score			15	
3	Containment	0 1 2 3	1		3	3.3
4	Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity	0 3 6 9 12 15 (18) 0 10 2 3 4 5 6 7 8	1	r g,	18 8	3.4
		Total Waste Characteristics Score		15	26	ŧ
5	Targets			(7)	20.	
	Ground Water Use Distance to Nearest Well / Population Served	0 1 2 3 . 0 4 6 8 10 12 16 18 20 24 30 32 35 40	<b>3</b>	9	9 40	3.5
	:		• ,			
		Total Targets Score		21	49	
		lply 1 x 4 x 5 ply 2 x 3 x 4 x 5	17	985	57.330	
7	Divide line 6 by 57.	330 and multiply by 100 Sgw = 1	3 31	. 37		

	SUR	FAC	E W	A	E	RR	OUTE V	NOR	K SH	EET		
	Rating Factor		A			d Va			Multi- piler	Score	Max. Score	Ref. (Section
0	Observed Release		0			(	45)		1	48	45	4,1
	If observed release is give	en a va en a va	lue o	of 0,	5, ;	ocae	ed to line d to line	4. 2.				·
2	Route Characteristics Facility Slope and Interver Terrain	ning	0	1	2	3	•		1		3	4.2
	1-yr. 24-hr. Rainfall Distance to Nearest Surface Water	ce '	. 0	1	2	3			1 2		3 6	
	Physical State	Total	Rout	1	Z ha	3  racte	ristics Sec	re	1		3	
3	Containment		0	1	2	3			1		3	4.3
	Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity		0 (	3 D	6 2	9 12	2 15 (B) 5 6 7		1	18	18 8	4.4
		Total	Wast	e C	hai	racte	ristics Sco				20	
3	Targets									19	26	
1	Surface Water Use Distance to a Sensitive Environment		<b>9</b>	1 (	2	3 3			3 2	<b>4</b> 0	9 6	4.5
ı	Population Served/Distance to Water Intake Downstream	}	12 11 24 3	4   6 1: 0 3:	8 8 2 2 3	8 10 0 5 40			1	<i>o</i>	40	
			Tota	i Ta	ng	ets S	core			4	55	
	f line 1 is 45, multiply f line 1 is 0, multiply	1 x 2 x	4 3 x	×	3	× [	]	•	. 3	130	84,350	
7 .	Divide line 6 by 64.350 a	and mu	itiply	by	10	0	S <sub>sw</sub> =	<b>E</b>				

AIR ROUTE WORK SHEET										
	Rating Factor			signed Circle	S Value One)		Multi- plier	Score	Max. Score	Ref. (Section)
9	Observed Release		6		45		1	0	45	5.1
	Date and Location:								÷	
	Sampling Protocol:		-			···	ساند بساد سادن.	<u> </u>		
			. Enter on I		_			. !		,
2	Reactivity and	ics	0	1 2.	3	-	. 1		3	5.2
-	Incompatibility Toxicity Hazardous Waste Quantity		0	1 2	_	7 8	3		9 8	omeron acc sodilation of lands o
						-				·
		<u></u>	Total Wast	e Cha	racteristics	Score			20	
3	Targets Population Within 4-Mile Radius Distance to Sensiti	ive	} 0 21 0	24 27	15 18 30 3		1 2		30 6	5.3
	Land Use	•	•	1 .2	3	¥	1		3	
										. •
			Tot	al Tan	gets Score			`	39	
4	Multiply 1 × 2	2 × 3						0	35,100	
3	Divide line 4 by	y 35,100	and multip	y by 1	100 Sa-	C	)			

•		
	s	g <sup>2</sup>
Groundwater Route Score (Sgw)	31.32	980.94
Surface Water Route Score (\$5w)	7.97	63.52
Air Route Score (Sa)	0	0
$s_{gw}^2 + s_{sw}^2 + s_a^2$		1044.46
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		32.3L
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2} / 1.73$		s <sub>M</sub> = 18.6

WORKSHEET FOR COMPUTING  $s_{M}$